

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A transmission line sharing method for a plurality of different types of service networks ~~different from each other in a network system~~ in which services are provided from base station control units to base stations in service networks ~~different from each other in a network system~~, wherein

services are provided from a plurality of base station control units through a line multiplexer/demultiplexer respectively to base stations in a plurality of different types of service networks ~~different from each other in a network system~~, thereby permitting a transmission path and a transmitter common to the plurality of different types of service networks ~~different from each other in a network system~~ to be used.

Claim 2 (currently amended): The transmission line sharing method for a plurality of different types of service networks ~~different from each other in a network system~~ according to claim 1, wherein the base station control units include ~~at least one~~ STM system and ~~at least~~

one ATM system and the line multiplexer/demultiplexer terminates and accommodates ~~a~~at least one line of ~~an~~the at least one ATM system as an STM system.

Claim 3 (currently amended): The transmission line sharing method for a plurality of different types of service networks ~~different from each other in a network system~~ according to claim 1 or 2, wherein the plurality of different types of service networks ~~different from each other in a network system~~ includes ~~a~~at least one PDC system and ~~an~~at least one IMT-2000 system.

Claim 4 (currently amended): A transmission line sharing system for a plurality of different types of service networks ~~different from each other in a network system in which services are provided from base station control units to base stations in service networks different from each other in a network system~~, said transmission line sharing system comprising:

a plurality of base stations for respective different types of service networks;
a plurality of base station control units respectively for providing services to the plurality of base stations;

a transmission path and a transmitter common to the plurality of different types of service networks connecting the plurality of base station control units to the plurality of base

~~stations between one of the base stations and one of the base station control units and the service network between another base station and another base station control unit; and~~

a line multiplexer/demultiplexer for connecting the plurality of base station control units to the transmitter.

Claim 5 (currently amended): The transmission line sharing system for a plurality of different types of service networks different from each other in a network system according to claim 4, wherein the base station control units include at least one base station control unit of an STM system and at least one base station control unit of an ATM system and at least one ATM-STM line terminating set for terminating the at least one ATM system as the an STM system is provided between the line multiplexer/demultiplexer and the base station control unit of the at least one ATM system.

Claim 6 (currently amended): The transmission line sharing system for a plurality of different types of service networks different from each other in a network system according to claim 4 or 5, wherein the plurality of different types of service networks different from each other in a system include at least one PDC system and an at least one IMT-2000 system.

Claim 7 (new): A transmission line sharing system for a plurality of networks comprising:

at least one ATM network;

at least one STM network; and

a transmission path and transmitter common to the at least one ATM network and the at least one STM network.

Claim 8 (new): The transmission line sharing system of claim 7, wherein a line multiplexer/demultiplexer connects the at least one ATM network to the at least one STM network.

Claim 9 (new): The transmission line sharing system of claim 8, wherein the at least one ATM network and the at least one STM network are each provided with a base station control unit and the respective base station control units are connected to the line multiplexer/demultiplexer.

**AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/859,441**

Attorney Docket No. Q64569

AMENDMENTS TO THE DRAWINGS

Please remove Figure 3 and replace with Amended Figure 3.

Attachment: Replacement Sheet